Service Bulletin

Product Code(s) Affected:	1M8550/1M8550R
Product Name(s):	AUTO SYRINGE AS50 INFUSION PUMP
Usage:	(**X**) Internal / (**X**) External

Title:

AUTO SYRINGE AS50 Infusion Pump, Barrel Clamp Screening

Purpose

This Service Bulletin describes a method for screening the AS50 Barrel Clamp Assembly for the potential "Check Flange Alarm" Failure Message.

Applicability

This specification is applicable to All BAXTER authorized service centers including field personnel and BAXTER trained self-service customers.

Scope

This Service Bulletin is applicable to AUTO SYRINGE AS50 Infusion Pumps meeting the following criteria:

1. Fall within the serial number range of 12040401AB-12040420AB.
2. Fall within the serial number range of 12050501AB through 15060000AB.
3. Have had the Barrel Clamp Assembly replaced since May 14, 2002

   If Barrel Clamp Replacement date cannot be verified the device requires screening.

Applicable Documents

AS3AB4001 Service Manual, AS50

Materials Required:

Calibrated .065 Flange Gauge	Part Number 1125843
Clear Overlay	Part Number USA300
White Round Label	Part Number TT050CIR3
Syringe plunger caps from 35 cc Monoject syringes	VWR Part Number MJ8881-535796

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Procedure

1.0 Power on the Pump.

1.1 At the SELECT LIBRARY prompt, select ANALGESC by scrolling through the menu options using the ▲ and ▼ keys. Press the CONFIRM key when ANALGESC is displayed on the screen.

1.2 At the SELECT PROTOCOL prompt, select NONE by scrolling through the menu options using the ▲ and ▼ keys. Press the CONFIRM key when NONE is displayed on the screen.

1.3 At the SELECT MODE prompt, select ML/HR by scrolling through the menu options using the ▲ and ▼ keys. Press the CONFIRM key when ML/HR is displayed on the screen.

1.4 At the SELECT MFR prompt, select MONOJECT by scrolling through the menu options using the ▲ and ▼ keys. Press the CONFIRM key when MONOJECT is displayed on the screen.

1.5 At the SELECT SIZE prompt, select 35 ML by scrolling through the menu options using the ▲ and ▼ keys. Press the CONFIRM key when 35 ML is displayed on the screen.

1.6 At the ENTER RATE prompt, enter "5," then press the CONFIRM.

1.7 At the ENTER VOL LIM prompt, enter "25," then press the CONFIRM.

1.8 Load a syringe plunger cap in the AS50 Syringe Pump plunger assembly.

1.9 Load a syringe flange gauge into the AS50 Syringe Pump barrel clamp assembly.

1.10 Press the START key and allow the pump to run for approximately 30 seconds.

1.11 Review the screen for the CHECK FLANGE message. Document whether the CHECK FLANGE message is displayed on the test data sheet.

1.12 Unload the syringe plunger cap and syringe flange gauge from the pump. Turn the pump off. Repeat the steps listed above until the AS50 pump unit has been tested 3 times.

NOTE: If the CHECK FLANGE message is generated during any of the three test trials, set aside the pump for replacement of the AS50 barrel clamp assembly. Refer to the AS50 Service Manual for installation instructions, calibration and testing requirements.

2.0 Check Flange Alarm Failure Screening for AS50 Devices

If the three test trials are performed on the AS50 Syringe Pump without the CHECK FLANGE message, label the pump as passed and place a white label with the letters BC printed in black ink on the rear case of the device, (Refer to Figure 1 for specific location). Place a clear overlay on top of the white label in a manner that the entire label is completely covered and protected by the overlay. Open the Battery Door Cover, use an indelible ink marker, to mark off the "number 4" on the configuration label.

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Figure 1

Check Flange Alarm Failure Screening for AS50 Devices

AS50 Device Serial Number: _____

Test Trial Number	Check Flange Message Generated	
1	Yes	No
2	Yes	No
3	Yes	No
Device Disposition	Fail	Pass

Completed By (Print): _____ **Date** _____

Signature: _____

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